

official newsletter of the 124th Fighter Wing

THE BEACON



July 2011 • Idaho Air Guard • Gowen Field, Boise, Idaho • "First Class or Not at All" • www.idaho.ang.af.mil

New fuel pipeline keeps Boise jets flying

By Tech. Sgt. Sarah Pokorney
Public Affairs

04/11/2011 – GOWEN FIELD, Boise, Idaho – A new above-ground pipeline at Gowen Field is bringing “clean and dry” aviation fuel to the A-10s and visiting aircraft. The stainless steel pipeline, that is easier to access and maintain, became operational at the end of May. It replaced an aging underground system that was the source for alarming contamination that occurred in 2009.

The 124th Fighter Wing is one of only three bases that have a direct aviation fuel pipeline; others have to truck in their fuel. The fuel travels from Salt Lake City through the Chevron Pipeline to Idaho Pipeline, the dedicated fuel provider for the wing.

The fuel comes directly from Idaho Pipeline, a high-volume commercial fuel supplier who operates two tanks on Gowen Rd. These tanks feed the 124th Fighter Wing’s fuel tanks, on base in two 400,000 gallon tanks.

“When the 22 F-15s were here from Klamath Falls we were using 1.4 million gallons of fuel per month,” said Senior Master Sgt. Cal Garlock, 124th Fighter Wing Fuels Superintendent.

From the tanks, jet fuel travels through three separators that remove contaminants, sediment, and water before it reaches the fuel transport trucks. The Gowen Field fuels lab samples and tests fuel for quality and safety weekly and every time fuel is ordered. Petroleum, Oils, and Lubricant (POL) Fuel Systems specialists filter the JP-8 fuel three times and test every batch of fuel before pumping it aboard an aircraft’s fuel tanks. They ensure that it is “clean and dry”—free



Butch Box, site superintendent with AMEC, the contractor for the fuel pipeline project, puts decals on the new above-ground fuel pipe as the project nears completion June 9. (U.S. Air Force Photo by Tech. Sgt. Heather Walsh)

from water, debris, or contaminants.

“It’s our job to make sure the fuel is clean and dry. We have a lab here on site dedicated to testing,” said Garlock.

The pipeline was replaced due to contamination issues from the old pipeline. In 2009 when the Klamath Falls F-15s and fuel usage was at the high usage of 1.4 million gallons per month, a routine check of a fuel truck by Staff Sgt. Jim Hubbard revealed metal fragments in the fuel.

“A fuel truck was filled and had fueled at least two A-10s with rust contaminants (unknown at the time) - before the rust was found in samples taken from the truck one aircraft had already started and took off for a training mission - putting the aircraft and the pilot in certain danger,” said Lt. Col. Scott Wakefield IDANG, 124 Fighter Wing Flight Safety.

The aircraft were grounded for two days and the source of the contamination was traced back to an improper weld that was made when an older fuel tank was removed. The slag from the poor weld had cut through the filters in the separators and made it through to the fuel trucks and aircraft.

“We replaced the weld after we removed tank two. It was an immediate fix to get us back into the race,” said Garlock.

Further investigation revealed other issues with the aging pipeline system that required maintenance and ultimately the full replacement. Much of the old infrastructure had been in place for 50 years.

“We allocated several hundred man hours to correct the situation and clean affected systems, aircraft, fuel trucks and repair the affected line to mitigate the

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DO YOU HAVE NEWS TO SHARE?

We welcome articles and captioned photos relevant to members of the 124th Fighter Wing. Submissions must be accurate in fact, and will be edited for clarity and length. Articles will be published as space permits. They are due on Sunday of the UTA prior to the month the article will be published. Submit articles as e-mail attachments on Microsoft Word. Photographs must be non-copyrighted prints of 300 dpi or higher TIF or JPG images. Articles and images can be sent to:

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COMMANDER'S



CALL

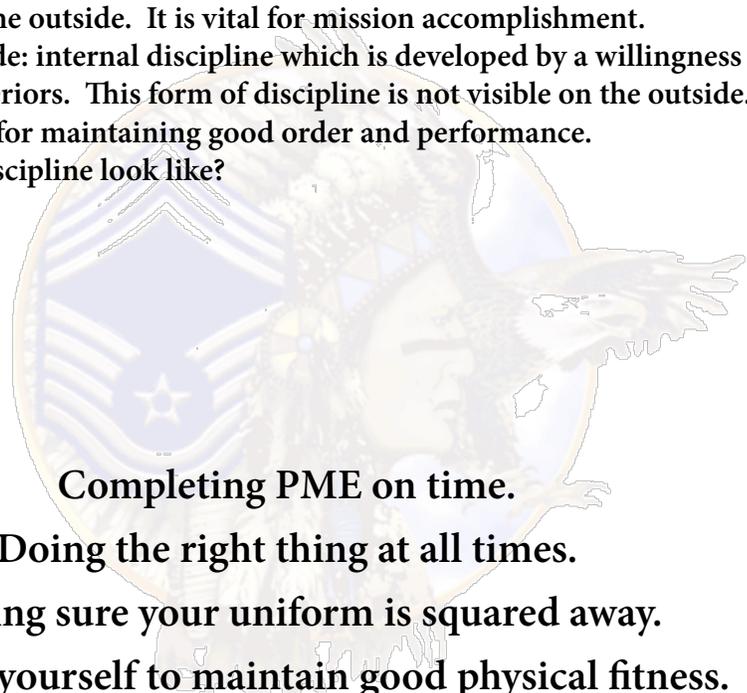
FROM THE CHIEF'S GROUP Discipline:

A state of training and mental attitude that requires obedience and proper conduct under all conditions.

State of training: external discipline we impose upon our Airmen to follow certain procedure, guidelines, and rules. This form of discipline is visible on the outside. It is vital for mission accomplishment.

Mental attitude: internal discipline which is developed by a willingness to please superiors. This form of discipline is not visible on the outside. It is essential for maintaining good order and performance.

What does discipline look like?



Completing PME on time.

Doing the right thing at all times.

Making sure your uniform is squared away.

Pushing yourself to maintain good physical fitness.

Following the T.O. (even on the seemingly simple tasks).

Discipline is all of these and more, it is the cornerstone of a well trained military. The most advanced technology in the world is garbage without a well disciplined Airman.

“Amazing people do amazing thing”! We have amazing people! Our people constantly rise to challenges they are presented with each day. They do this because they are disciplined.

Over time discipline will define our character. Character is defined by the Air Force Core Values. The Air Force Core Values are the glue that unifies the force toward mission accomplishment.

We have a responsibility to ourselves, the Air Force, and our nation, to be a well disciplined military capable of answering our nations' call.

Boss Lift Opens Employers Eyes to Idaho National Guard's Mission



Master Sgt. Marshall Daniell explains the A-10's 30mm main gun to a group of employers and other supporters involved with the Employer Support of the Guard and Reserve (ESGR) program during a hands on tour of Idaho National Guard's equipment and personnel, at Gowen Field, Boise, Idaho, June 15. The ESGR develops and promotes a culture in which all American employers support and value the military service of their employees with ESGR as the principal advocate within DoD (U.S. Air Force photo by Staff Sgt. Robert Barney).

By Staff Sgt. Robert Barney

124th Fighter Wing Public Affairs

GOWEN FIELD, BOISE – Idaho employers got a taste of what life as a citizen-soldier encompasses on June 14 and 15. They saw everything from charging through a building with paint ball guns to getting up close to an A-10's 30mm cannon. With help from the local Employer Support for the Guard and Reserve (ESGR) organization, Idaho National Guard, as well as Army, Navy and Marine reservists delivered a hands-on experience to employers, and other civilians, during this year's Boss Lift.

Boss lift is an annual event, hosted by ESGR, which gives employers insight into what their employees are responsible for during their training and deployments. This year participants had the opportunity to tour a Bradley fighting vehicle from the 204th Regional Training Institute, an M1A1 Abrams with the Marine reservists, as well as Army and Air National Guard assets, including a ride in a UH-60 Blackhawk helicopter.

The Idaho Army National Guard gave participants a first person look at how they conduct Military Operations on Urban Terrain, Counter Improvised Explosive Device training, and even how to throw a grenade. Linda Allsbury, of Pro Power Clean, says that she had a "phenomenal experience, I enjoyed the HMMWV." Her company has hired Idaho National Guard members in the past and is "looking to hire more when the 116 comes back [from Iraq]. We help wherever we can," she said.

The support of employers enables traditional Idaho Guard

members to serve their country and community when needed, while maintaining a regular civilian job. Michael Lambrecht, a volunteer with ESGR believes it is "important that employers come here. It helps the employers realize the complexity of training required and how it transfers to a civilian career," he said.

Lambrecht participated last year as a College of Western Idaho representative and had such a great experience that he came back this year as a volunteer. "We, as employers, need to hire more Guard and Reserve," said Lambrecht, "it's a great event, even as a volunteer."

As more ready-reserve Soldiers, Airmen, Seamen and Marines deploy overseas from Idaho it becomes more important than ever that they have the support of the community as they return.

Airman 1st Class Stuart Milne, a new member of the 124th Air Support Operations Squadron (ASOS), who has recently returned from his initial training as a Tactical Air Control Party (TACP) specialist, understands the important role employers' play for the National Guard. Milne demonstrated the mission of the 124th ASOS and his role as a TACP to groups as they passed through his station.

He is also looking for steady employment with a supportive employer who understands the service obligations he has.

"After providing two days of demonstrations and interactive displays, participants leave with a better understanding of how Idaho citizen-soldiers serve their country and communities," said ESGR committee member Terry Harrell.



1st Lt. Thomas Silkowski explains the A-10's weapons systems to a group of employers and other supporters involved with the Employer Support of the Guard and Reserve (ESGR) program during a hands on tour of Idaho National Guard's equipment and personnel, at Gowen Field, Boise, Idaho, June 15. (U.S. Air Force photo by Staff Sgt. Robert Barney).

June 2011 ORE



*Operational Readiness
Exercise June 2011*



Staff Sgt. Phillip Bates of the 124th MXMFM inspects one of the simulated bombs while waiting for further instructions during the ORE June 11 at Gowen Field in Boise, Idaho. The ORE is one of the many opportunities members of the 124th FW have to prepare for the upcoming ORI in October. The ORI will validate its' ability to carry out a war-time mission. (U.S. Air Force Photo/Tech. Sgt. Heather Walsh)



See SSGT Barneys' Operational Readiness Exercise video at www.thebeaconlive.com and at www.idaho.ang.af.mil



Staff Sgt. Jason Miles of the 124th A-10 Flight Chief Shop refuels one of the A-10 Jets participating in the ORE June 2011 at Gowen Field. These realistic and demanding conditions are part of the 124th Fighter Wing's overall preparation for an Operational Readiness Inspection. (U.S. Air Force Photo/Tech. Sgt. Heather Walsh)



Senior Master Sgt. Cal Garlock, Fuels Superintendent, checks the separators that ensure that the jet fuel is free of contaminants, sediment, and water before it reaches the fuel trucks and the aircraft June 9. (U.S. Air Force Photo by Tech. Sgt. Heather Walsh)

problem,” said Wakefield. “This situation was sure to re-manifest itself until a new pipeline was built.”

The new pipeline project took a year and a half to complete and cost the Defense Logistics Agency an estimated \$750,000. DLA West, located in California, owns the tanks and the pipeline infrastructure on Gowen Field. They provide the guidance and maintenance as well as filters and testing supplies. DLA made the ultimate call on the replacement of the pipeline. The new pipe is expected to last at least 50 years.

“DLA owns the fuel until it reaches the aircraft,” said Garlock. “They paid for the upgrade and had the expertise to manage the project and hire contractors.”

The new pipeline is made of six inch stainless steel that is far more durable; being above ground has many benefits as well.

“It is much easier to tell the condition of the above ground pipe (when it's underground it's more likely to corrode). Stainless steel is also much better quality,” said Garlock.

In addition to the A-10s and visiting aircraft, the pipeline also provides fuel for the National Interagency Fire Center (NIFC) and to the Army for their helicopters, tanks, and Humvees.

The next phase of the project is to move the three filling stations for the fuel trucks so that they are closer to the pump house that holds the separators. This will eliminate the need for the final stretch of pipeline that is still underground. This final phase of the upgrade has not yet been scheduled.

“The new pipeline is definitely a great step to prevent future (safety) issues and costly repairs,” said Wakefield.



Master Sgt. Ed Correll of the 124th A-10 Flight Chief Shop reviews logs for one of the aircraft teams during the ORE at Base X June 11 at Gowen Field in Boise, Idaho. (U.S. Air Force Photo/Tech. Sgt. Heather Walsh)

Boise Civil Support Team

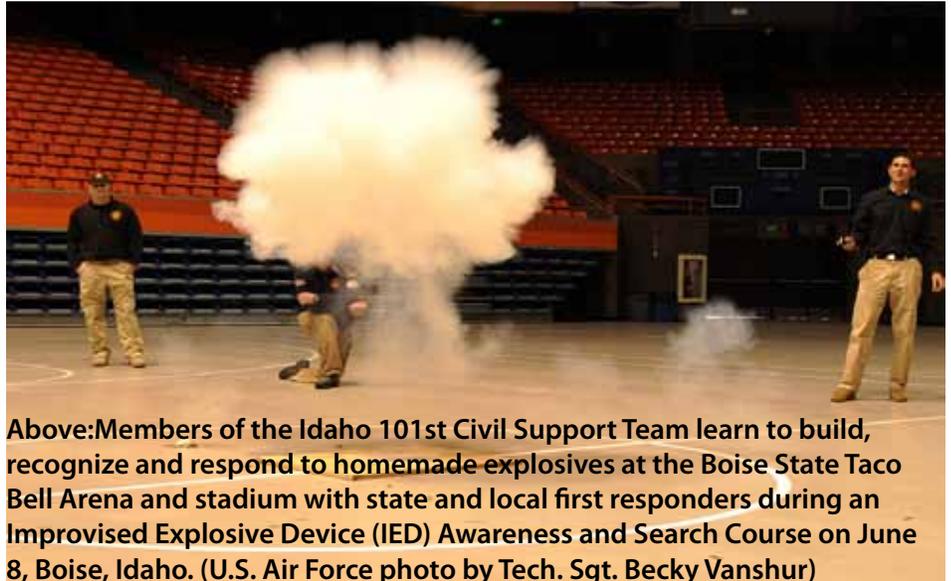
By Tech. Sgt. Sarah Pokorney
Public Affairs

04/08/2011 - BOISE, Idaho – A fizz, then a sharp crack echoes from the walls of the Taco Bell Arena, not unlike the pyrotechnics often seen and heard at rock shows in the arena. This explosion, accompanied by a puff of white smoke, didn't have masses of concert goers cheering but was effective hands-on training for federal, state, and local first responders.

The 101st Weapons of Mass Destruction Civil Support Team (CST) completed the Improvised Explosive Device (IED) Awareness and Search Course June 5-10 at the Boise State Taco Bell Arena and stadium with state and local first responders. They recognized and responded to homemade explosives (HME). The intent of the course is to educate first responders on the history of HMEs, show what a HME assembly lab looks like, how to find them, and eliminate the threat.

"If we setup a lab and build these explosives then we know what to look for down range (in a deployed location)," said Lloyd Stading, instructor and President of Defense Services International, LLC.

The Boise CST team hosted the event and invited first responders from all over Idaho to attend this valuable training. There were Boise fire fighters from the regional response team four and Twin Falls/Jerome regional response team five in attendance as well as the national training manager for the CST work-



Above: Members of the Idaho 101st Civil Support Team learn to build, recognize and respond to homemade explosives at the Boise State Taco Bell Arena and stadium with state and local first responders during an Improvised Explosive Device (IED) Awareness and Search Course on June 8, Boise, Idaho. (U.S. Air Force photo by Tech. Sgt. Becky Vanshur)

Below: Using common household items, the Idaho National Guard's 101st Civil Support Team builds homemade explosives during the Improvised Explosive Device Awareness and Search Course, June 8, Boise, Idaho. (U.S. Air Force Photo by Tech. Sgt. Becky Vanshur) Opposite Page: Richard von Hack, Homemade Explosive Course instructor shows Sgt. Lukas Revaul from the 101st Civil Support Team (CST) how household items can be used in producing improvised explosive devices (IED's) at Boise State University, June 8, Boise, Idaho. The Idaho National Guard joint CST team is training on the IED Awareness and Search Course given by the Defense Services International, LLC. (U.S. Air Force photo by Tech. Sgt. Becky Vanshur)



makes a big boom at BSU



ing group; overall nearly 30 trainees.

Of 57 CST teams nationwide, the 22-member full-time Boise team is considered one of the best in the nation. They support civil authorities at domestic chemical, biological, radiological, nuclear or explosive incident sites by identifying hazardous agents or substances, assessing current and projected consequences, and advise on response measures.

“Of the 57 CST teams, I’ve worked with 49 of them and Idaho has one of the best nationwide,” said Stading. “They reach out to other civil authorities and have worked hard to develop relationships.”

The first days of the week-long training were focused on the history of domestic and foreign violent groups that produce these types of explosives. Then they were educated on the tools and materials used to construct the explosives. They setup mock bomb labs to help the trainees identify what a lab may look like. Terrorists can buy ingredients used to create the explosives like salt, stump remover, vegetable oil, and freezer packs, just to name a few, at local hardware and home improvement stores.

“All of the materials used in the making of our HMEs today were purchased locally in the last three days,” said Stading. “When

mixed, the explosives can look just like sugar.”

The students constructed and ignited several types of HMEs in and around the arena and thereby demonstrated their knowledge, with the support of the arena administrators.

“This is great recognition training for our guys,” said Boise CST 1st Sgt. Jeremy Hamrick.

The teams were put to the ultimate test at the end of the week when the instructors constructed mock HMEs and stashed them throughout the Bronco stadium for the first responders to seek out.

“Becoming familiar with how they make the devices and knowing what they look like, and how they work is very valuable,” said Mike Kreiter, Group Officer for the region four team.

Michael Sather “Zeke,” Deputy Commander for the 95th CST, and the national training chairman for the CST working group managed and coordinated the training program. He was there to ensure the CSTs are getting consistent, quality training. The trainers from Defense Services International LLC conduct 12 to 15 training courses annually across the nation.

“A standardized training plan prepares Soldiers and Airmen for all hazardous responses,” said Zeke. “All CSTs need to work together to ensure that they have similar skill sets and standard operating procedures.”

The week of HME training was a valuable exercise that provided hands-on training for events that could take place locally or in a deployed location.

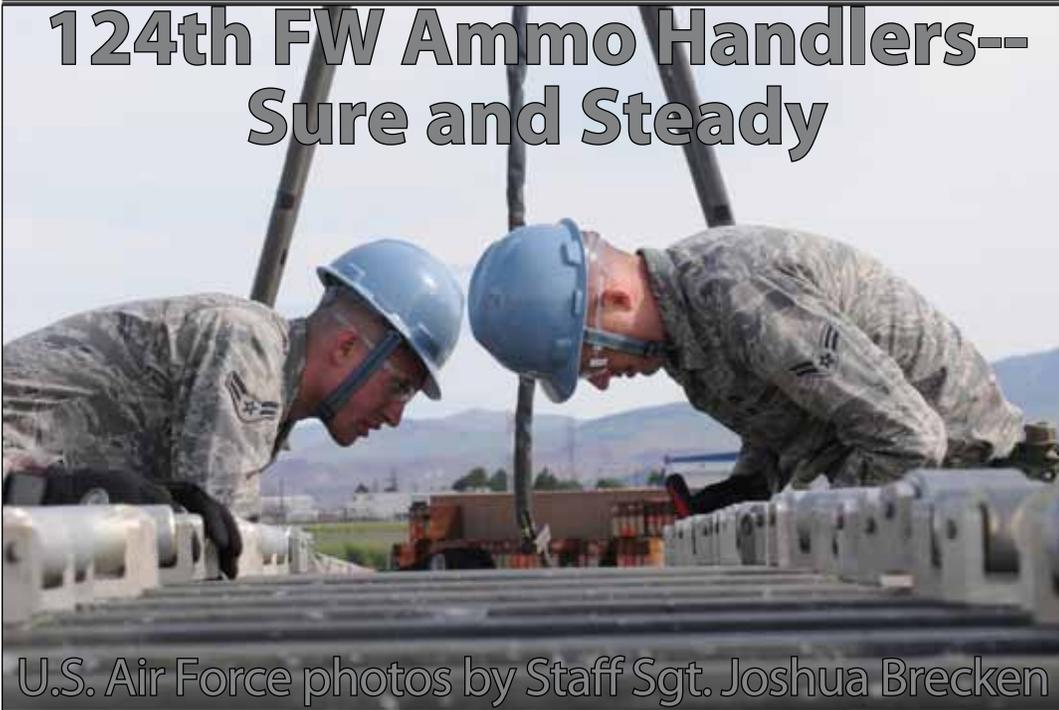
“Idaho’s 101st CST adds specialized capability when needed by local first responders. A joint training event like this ensures cohesive support when an Incident Commander requests CST support,” said Brig. Gen. Bill Shawver, Assistant Adjutant General, Idaho Air National Guard.



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124th FW Ammo Handlers-- Sure and Steady



U.S. Air Force photos by Staff Sgt. Joshua Brecken

Above: Airman 1st Class Brian Seehawer and Airman 1st Class Scott Gawith prepare to build a simulated missile as part of an Operational Readiness Exercise on Gowen Field, Boise, Idaho, June 10, 2011. **Upper Right:** Airman 1st Class Brian Seehawer prepares to build a simulated missile as part of an Operational Readiness Exercise on Gowen Field, Boise, Idaho, June 10, 2011. Airman Seehawer is a member of the 124th Ammunition Flight. **Lower Left:** Members of the 124th Ammunition Flight prepare the Munitions Assembly Conveyor to build a simulated missile as part of an Operational Readiness Exercise on Gowen Field, Boise, Idaho, June 10, 2011. The 124th Ammunition Flight's exercises prepare it to work in a deployed environment. (U.S. Air Force photos by Staff Sgt. Joshua Brecken)



Promotions

SSgt Tony T. Bradley

SSgt Terri D. Kennedy

SSgt Carmine J. Fenicottero

TSgt Eric K. Gabiola

MSgt Christopher M. Jones

Congratulations!

To view Master Sgt. Gloeckle's **video** about the 124th Ammo Handlers or for more complete information about anything you read here, point your internet browser to www.thebeaconlive.com. You'll also find more information and multimedia resources about every item in this month's BEACON.